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2 LONG ISLAND POWER AUTHORITY

3 -----x

4 Public Hearing

5 Re: LIPA Draft Electric Resource Plan

6 -----x

7 Nassau County

8 Legislative Chamber

9 1550 Franklin Avenue

10 Mineola, New York

11

12 April 6, 2009

13 11:00 a.m.

14

15 B e f o r e:

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18 BRUCE GERMANO,

19 The Moderator

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2 APPEARANCES:

3 Bruce Germano

4 Vice President - Retail Services

5 Jim Parmelee, Executive Director - Power &

6 Markets

7 Todd Stebbins

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9 ALSO PRESENT:

10

11 LIPA Staff

12 The Public

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22 Margaret Devine, RPR

23 Reporter

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PROCEEDINGS

THE MODERATOR: Good morning.

My name is Bruce Germano. I am vice president of retail services for LIPA.

I am here representing president and CEO Mr. Law. He is not going to be here today because, on a good note, he has been called to a meeting in New Jersey by Secretary of Interior Salizar to talk about wind farms and offshore wind farms in particular, the tremendous potential of that; and in particular, LIPA's proposed program that we're looking at with Consolidated Edison.

The purpose of today's hearing is to gain public input for a draft energy plan, master energy plan. This is the second of three meetings that will occur, the final one being tomorrow night over in the Marriott in Melville.

20 This draft energy plan has been
21 issued for public comment to lay out our resource
22 plan to meet Long Island's short and long-term
23 energy needs. It is focused on the years
24 2009-2018. And it includes commitments to invest
25 in energy efficiency, acquisition of renewable

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generation resources, maintaining and upgrading our existing fleet of resources, and improving transmission and connections to enhance the ability to deliver power to the Island.

So, just a little bit of the administrative aspects of this. Jim Parmelee, who is executive director of power and markets, is going to give a 20-minute presentation on the plan. You will be able to hear it as well as see it on the overheads. And then we will solicit input from the public.

For those of you who have signed in or haven't signed in, there is a sign-in sheet at the back of the room. If you plan to give comments, we will allow those comments only for about a three-minute period.

With that, I am going to turn it over to Jim Parmelee.

20 MR. PARMELEE: Thanks, Bruce.
21 The draft Electric Resource Plan, as
22 Bruce mentioned, is opened for public comment.
23 The intention is take the comments and
24 incorporate into a draft final plan to be issued
25 in the June time frame.

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My presentation is going to start off with taking a look at the history of LIPA's load growth and the forecast that we have.

This pink line represents what the forecasted load was for each year from 2001 to 2008. If you look at one year ahead of time this is what we expected our peak load to be.

When you look at what actually happened in history, the actual peak load is shown by the blue line. It varies dramatically. This variation is caused by different weather conditions. If you have a hotter than normal summer, you have got higher than projected peak; cooler than normal it could be lower. Other factors also influence it, like the overall state of the economy and other changes that make our forecast wrong.

So what we do is we take the weather

20 conditions and say: What if we had a normal
21 weather condition, normal weather, not peak
22 weather for the summer.

23 The dark blue line shows what the
24 load would have been if we had normal weather
25 conditions. You can see that the blue, the dark

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blue line has been tracking slightly above the forecasted peak load for the past few years.

When you go into the forecasting period we projected for most of the analysis of this plan, the dark blue line, we updated our forecasts in November to reflect the changed economic conditions.

This green line is the economic conditions that has lowered our projections for capacity.

I am going to be showing some need projections and these need projections are based on the revised forecast going forward.

We talked a little bit about uncertainty of load growth, other sources of uncertainty that affect the growth of the system, such as:

How many customers moved to a Long

20 Island Choice Program to use an alternative
21 supplier to LIPA?
22 How successful our energy efficiency
23 programs attained their goals; do they
24 overachieve or underachieve?
25 Will we have new resources come on

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line; do they come on line on time or are they
delayed?

Also, the New York ISO and the New
York State Reliability Council, they determine
the standards that LIPA is mandated to follow.
They change these requirements on an annual
basis. So there is an uncertainty what those are
going to be in the future. We have to take that
into consideration.

Another major source of uncertainty
is the existing generating fleet; sometimes they
go out and that reduces the rating and how much
we can count on them to meet the New York State
Reliability Council and ISO standards.

What we do when we're determining
the need for capacity, we use estimated
probability distribution for each source of
uncertainty and use a statistical model to

20 develop a distribution of possible needs for
21 capacity. Then we plan to a specific level of
22 certainty. And that's different for each of the
23 different standards.

24 The New York State Reliability
25 Council sets installed reserve margin standards.

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We plan to the expected value or the average value of what that's going to be. That means that if we plan exactly to that number we would expect to be below that standard half the time and above that standard half the time.

When we see a shortfall in this need we evaluate the projected conditions of the spot market in the statewide markets. If the market looks favorable, we will purchase any shortfall from the spot market. If the market looks like it's going to be unfavorable from our projections we may take corrective actions, like contract for need basis instead of using the spot market.

It gets a little bit more difficult when you go to the Zone K, which is basically Long Island excluding New York City. There's a locational standard that says a certain amount of this capacity's resources need to be qualified as

20 Long Island resources.
21 Because we don't see a lot of
22 speculation on Long Island of people building
23 power plants on the hopes that people will buy
24 them from -- in the spot market, we need to plan
25 to a higher level of success. We, in order to

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keep the reliability of the system, we plan to an 80 percent probability. Then we look at using the LIPA contracted resources and other available Long Island market resources to meet those requirements.

And when we show a projected shortfall we will take corrective actions by contracting for long-term capacity to meet our long-term needs. If there are short-term shortages we may purchase short-term emergency generation filled gas.

This slide here looks at the historic peaks.

The record LIPA peak load measured on the system, that's before adjusting for weather conditions, occurred in 2006. This number here is different than other numbers you may have seen elsewhere. It represents only

20 those resources that are required -- only the
21 peak load for the customers that are taking full
22 electric service from LIPA itself.

23 If somebody is using an alternative
24 supplier we do not include these numbers in
25 there. We don't include anybody that is served

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by other suppliers. So this number may be lower than what you have seen elsewhere, but it's what we plan to meet for.

The record weather normalized load after you adjust for weather conditions and say what if we had a normal summer, say last year, 4840.

So the 2008 historic conditions here, this is the weather normalized peak load that we had projected. The actual measured peak load was this 4777; and when we normalized it was 4840. It means our forecasts was about 40 megawatts higher than what actually occurred.

The installed reserve requirement on a statewide basis was 5612. And the total capacity resources that we had to meet those requirements were 5336. Which means that we had 276 additional resources that we needed to

20 purchase from the spot market.
21 If we take a look at what's
22 projected to occur in 2010 after we have the
23 Caithness contract and the Marcus Hook contract
24 for capacity from New Jersey and implement the
25 ELI program and a portion of the Solar RFP that

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was projected to come on line in 2010, we have the projected forecasted peak load for LIPA of 5000 megawatts 19. The installed reserve requirement is 5847. If you do the math you will see there is a higher percentage increase because the ISO has changed the standards for 2010 requiring more capacity to be on Long Island.

Total capacity resources we're projecting, after the addition of all the new resources and retirement of some contracts is 5851, showing that we have a projected surplus of approximately 4 megawatts for 2010.

Now you do this analysis and you carry it out for a longer period of time and you can project, if we don't take any additional actions, what the projected load growth requirements is by this blue line. The blue columns show what our projected capacity is. You

20 can see in almost all years we're at or below the
21 projected requirement. So that meets our goal of
22 being less than this requirement.

23 When you move over to the Zone K or
24 the Long Island requirement, locational
25 requirement, our goal is to have more than this

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2 requirement to preserve reliability. You can see
3 with our existing resources and projected
4 requirements we're surplus over that goal every
5 year until 2016.

6 So in the short term, we're meeting
7 our goals. We have more than the minimum Long
8 Island requirements, but we're not buying more
9 than we need on a total basis.

10 Moving on to our plan, it contains
11 five major volumes.

12 The electric resource plan, which
13 includes a ten-page executive summary plus a more
14 detailed discussion that follows.

15 And then a bunch of technical
16 appendices, a technical report that's going to go
17 into the details of how we developed our plan.

18 An energy primer, which provides a
19 general background and the Long Island system.

20 We had public hearings in January --
21 or April of last year. We took all the comments
22 from the public hearing. We prepared a response
23 to each of those comments which are included in
24 Appendix C.

25 And additional technical information

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in appendix D.

Most of these volumes have been posted on the web site. There are a few outstanding sections that will be posted in the next several weeks.

The strategic objectives of our plan are five-fold.

Promoting a healthy environment through efficiency and renewables.

Balance the objectives of the Electric Resource Plan against the impacts on customer electric bills.

Maintain high reliability of the bulk power system, which is basically your power plants and transmission systems that delivers the power from the power plants.

Maintain a high reliability of the distribution system, that takes it from the

20 transmission system to the customers.

21 Positioning LIPA with the ability to
22 respond rapidly to change as a way of managing
23 risk.

24 We know we're not going to forecast
25 the future perfectly. We need to be able to

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change as we go along.

The resource plan strategy has five major -- four major areas:

Energy efficiency.

Renewable resources.

Upgrading the existing fleet.

And improving the interconnections and reliability.

Each of these major strategies has a number of items underneath them. And within the plan we coded these into five levels -- three levels of status:

Committed, which are things that have been approved by our trustees and are underway right now.

Planned, are things that after review we plan to do these things and it's a matter of getting the trustees' approval to do

20 those things.

21 And things that are under study,

22 where we think we may want to do them but we

23 haven't really made a decision that we want to

24 pursue them until we finish our analysis and also

25 evaluation.

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To see what the impacts of the electric plan are we developed a Reference Plan. This Reference Plan is not intended to represent a real plan, but sort of a yardstick to measure alternative plans against. This Reference Plan has no energy efficiency beyond that it has already occurred throughout 2008. It assumes that we don't follow the renewable portfolio standard beyond those contracts that are already approved by the trustees; and that we expand the system when capacity is needed by using new power plants that are gas fired combined cycle units scattered all over Long Island. These plants are similar to the Caithness power plant, but a little bit bigger.

Against this benchmark we created a Representative Plan that takes elements of the strategy that we listed before. And it's one of

20 many possible ways. Since we don't have trustee
21 approval on each of these options, we had to take
22 something that was representative of what might
23 happen if we follow this type of plan.

24 The features of this plan are that
25 it meets the Governor's 45 by 15 targets,

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2 including energy efficiency of 15 percent below
3 what it would have been by the year 2015; and a
4 30 percent renewable portfolio standard which is
5 under evaluation at the New York State Public
6 Service Commission.

7

8 We assumed on-Island renewable
9 resources, with development of approximately 100
10 megawatts of solar and 300 megawatts of wind.

11

12 It includes repowering of the larger
13 steam units, retirement of the oldest power
14 plants; and improving the interconnections with
15 neighboring systems.

16

17 So it has elements of all the major
18 strategies of the plan.

19

20 What we wanted to do here was see
21 what it did to the system and how it performed
22 against this Reference Plan.

23

24 So this slide takes that requirement

20 of the resource expansion Long Island requirement
21 that is Zone K. And here the goal is, as
22 previously stated, to keep the resources at or
23 above the minimum resource levels in all years.
24 You can see here, again, the
25 projected line of, blue line under the reference

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case, and the green is the existing resources,
and then the blue is the additional power plants
that you have to add to the system.

When you go to the Representative
Plan, because of the energy efficiency programs
our projected need for resources is followed by
this green line, much lower. Because this green
line and the assumption of retiring and retiring
repowering power plants we decrease the amount of
existing resources. The green bars get smaller.
And then we fill it in with new resources from
repowered plants, the new power plants and also
renewable resources.

You notice that the total size of
the blue bars is smaller under this
Representative Plan than it is under the
Reference Plan. So because of the investment in
energy efficiency and savings, we're able to

20 invest in a smaller level of new resources and
21 still meet our goal. That's the design for the
22 plan the for Long Island requirement.

23 Statewide requirement has a similar
24 effect. So you have both projections. After the
25 energy efficiency there is a smaller requirement.

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You still see the contracts getting smaller. And this plan, again, is looking, is below the needs which is within our planning goal as long as the statewide markets remain strong.

I am going to move on to the next slide here, which looks at fuel mix. The problem of fuel mix is that you want to maintain diversity. You don't want all of your eggs in one basket, so that if there is a price spike or problem with a given fuel supply you are harmed by that.

The existing fuel mix is shown by this pie chart. You can see that it's a relatively diverse mix of resources. The biggest chunks being natural gas and economy purchases, power purchases from off Long Island for the most part.

If you went with the Reference Plan,

20 because of that dependence on power plants the
21 pie of natural gas becomes more than 50 percent
22 of the system. This decreases the diversity and
23 puts us at greater risk to fuel price increases
24 and natural gas supply problems. And the other
25 pies are correspondingly smaller.

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With the Reference Plan you can see that the mix of resources is much more diverse. Natural gas is still a major component, but smaller than today. Economy purchases still provide a good portion. We have got renewable energy and energy efficiency also providing significant shares to our fuel mix. This is one of the advantages of the plan's ability to provide fuel mix.

We as looked at different environmental emission targets. There are two measures that we looked at.

One is, there is currently a program in the northeastern states that basically allocate a certain amount of CO2 emissions from power plants and says New York State has so many allowances. And then there is a trading system where you trade those allowances. For

20 measurement purposes, there is no amount
21 allocated to LIPA. We just assumed we would get
22 a proportionate share to our load.

23 So this red line represents if you
24 get your proportionate share how long, at what
25 level of allowances you would be using.

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Under the Representative Plan --

under the Reference Plan the allowances exceed the usage -- usages exceed the allowances. Under the Representative Plan we're able to stay below that measurement level for much longer periods. So it makes it easier to comply with the program and reduce costs of having to purchase on the market.

We also looked at a footprint. The

problem with the RGGI program is that it counts the power plants that are under contract to LIPA. But we purchase energy from the spot markets from neighboring system. So we wanted to look at what our total requirement was. So this goal here was to reduce from the footprint by 2020 to 10 percent 2005 levels and to 20 percent below 2005 levels at 2030. So we set that out as a measurement goal.

20 The Reference Plan clearly fails
21 that requirement. The Representative Plan comes
22 close to the target in some years, other years
23 it's above to the target. It's still something
24 to work on if we're going to attain this goal.
25 It shows the benefits of following something like

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2 this. It's a plan we need to work on and tune up
3 if we're going to achieve this type of goal.

4

5 We did a similar thing with
6 emissions, with nitrous oxide and SO₂. You can
7 see here that the Representative Plan falls well
8 below the amount of allowances that are given for
9 SO₂ and NO_x. There's not a major challenge in
10 this area.

11

12 We also looked at what's the
13 efficiency of producing electricity. After you
14 do energy efficiency at the customer level, are
15 we becoming more efficient in how we produce
16 electricity?

17

18 We made a lot of progress in the
19 last ten years. We reduced the energy to produce
20 a kilowatt hour of electricity by 10 percent.

21

22 In this Reference Plan it continues
23 that trend by reducing it another 9 percent by

24

20 the end of this longer term study period. The
21 Representative Plan does even better. It reduces
22 the fuel that we need by 16 percent from current
23 levels. So it's even better in the area of
24 production efficiency.

25 So in conclusion, the benefits of

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this Representative Plan are:

More diverse energy resources.

Meeting the 45 by 15 goals of the

Governor.

Lower CO2 emissions.

Meeting the NOx and SO2 targets.

Electricity production efficiency

improved.

Customer bills are lower over the

plan period compared to the Reference Plan.

Some of the challenges that we have

are:

Needing to refine the plan to meet

CO2 footprint targets.

Need to secure funding to keep

customer bills under control while investing for

the future.

Needing to ensure that efficiency

20 programs are effective, so all customers can

21 benefit.

22 And that concludes the summary of

23 the Electric Resource Plan.

24 Bruce.

25 THE MODERATOR: Thank you,

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Jim.

That does conclude the presentation.

Of course, the purpose of the hearing today is to elicit public comment and input. The way we're going to do that is I am going to ask the individuals who have chosen, that want to sign up to speak I am going to go in the order that they signed up.

I ask you to come to the mike -- we need to make sure the mike is on -- state your name and your affiliation. And we will allow three minutes for public input.

The first person that's on the list is Fred Gorman.

MR. GORMAN: Good morning, gentlemen.

LIPA is overpowered. It has lost its ratepayer mission.

20 I have submitted a complete report
21 for the record which breaks down all the numbers
22 and everything else behind what I am about to
23 say. I have also had a conversation with one of
24 the people at the Board.

25 And basically, I am just going to

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2 say your plan calls for retrofitting Northport,
3 Island Park and Port Jefferson. If you combine
4 that with Caithness you're going to be increasing
5 LIPA's base capacity by 1,200, roughly 1,200
6 megawatts. That's a lot more than what your base
7 requirements are. And it's just basically unfair
8 to the ratepayer.

9 If you take a look at everything
10 that you're talking about, you're talking about
11 being able to generate a power capacity of over
12 10,000 megawatts when you have, by your own
13 suggestions, a base load requirement of 52 plus
14 18 percent -- it may drop down to 16 percent or
15 somewhere much lower than the numbers that I have
16 here, because I figured it based on your peak
17 load rather than your base peak load.

18 I am going to have to spend a lot of
19 time learning all these different capacities.

20 Because to me, capacity is capacity. Power is

21 power.

22 I am a homeowner.

23 Now we have a tremendous amount of

24 debt. \$7 billion hasn't really been paid down at

25 all. It's all still there. You just took out

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another \$600 million loan. And that loan by the
was doesn't pay any principal back until 2030.
We just can't afford for us to carry all these
loans when you have all you will we need for
power. If we only need six or 7,000 megawatts of
power, we shouldn't have to pay for 10,000
megawatts of power.

That's basically what I am saying.

I am done.

THE MODERATOR: Thank you very
much, Mr. Gorman. We appreciate your comments.

Thank you, sir.

MR. GORMAN: I will also be
submitting an update based on what the other
gentleman said.

When you take a look at those
figures, I should tell you that when talking
about increasing base plants over 1200 megawatts,

20 if you base them all on what's in your plants,
21 yet you show them actually reducing energy output
22 or base output, which is crazy. How do you turn
23 around and increase it by 1200 and then say that
24 we have less?

25 Thank you.

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THE MODERATOR: Thank you,
Mr. Gorman.

MR. PARMELEE: I just want to
reiterate that in the presentation that I just
gave, we project what our requirements are and we
strive to meet the requirements that are required
by our regulators. It's not our intention to
over build. It's our intention to have enough
capacity to meet the reliability of the system.
We strive to do that in this plan and have the
lowest total bills for our customers.

THE MODERATOR: The next
speaker is Rosalie Hanson.

MS. HANSON: Good morning.

My name is Rosalie Hanson. I am
here today to represent the ordinary citizen. I
live in Gordon Heights and we're a low to medium
income community. And any impact of LIPA or

20 taxes affect our community because we're

21 community that -- can I start over again

22 My name is Rosalie Hanson. I am

23 here to represent the ordinary citizen.

24 My question would be: How is this

25 going to affect our electric bill?

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Because any increase in any of our electric bills, tax bills, has a devastating effect on certain communities.

And my husband works for a manufacturing plant in Hauppauge. And as you know, the high cost of living on Long Island is driving out many of the manufacturing plants on Long Island. Five years ago he had 60 employees; today he has six.

So you're talking about increasing the power for Long Island based on today, what you see in today's society. What does the future of Long Island hold? We're driving off many of our young people. We're driving off our manufacturing plants. So what -- where are we going to be in the future?

You want to increase power and increase our electric bills, but who is going to

20 be here in the future to pay for all of this?

21 That's my question. How is this going to affect

22 the bottom line of our electric bills in the

23 future?

24 Thank you.

25 THE MODERATOR: I would point

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out, Ms. Hanson, that we're not here to answer questions today.

But obviously one of the strongest components of what we're trying to do in this plan is to push efficiency and that helps reduce customers' bills and costs.

MS. HANSON: Right.

I would think that we should be promoting how to conserve energy on a level that the average person can understand; changing a light bulb, shutting off your lights, turn off your TV. I think that would play an important part.

THE MODERATOR: We agree. And that's one of the things that we are doing and we do it very, very aggressively, in terms of the efficiency program, getting the knowledge out there to both the homeowner and the businesses.

20 MS. HANSON: Okay.
21 Also, I received my latest LIPA
22 bill. I read the letter that you included in
23 there. Now everybody got a fuel surcharge
24 earlier this, last year, when gas was almost \$5 a
25 gallon. But nobody took off that fuel surcharge

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when the prices went down. My LIPA bill went up \$37, which may not seem much to some, but like I said, I come from a community that is low to medium income.

We don't live in an isolated, insulated world. We're the people that are struggling to survive on Long Island. So like I said, any additional cost on our bills, you know, we can't put food on our table. That's all I am trying to say. Think of the average, ordinary citizen that has to struggle every day to survive.

THE MODERATOR: Thank you.

Thank you for coming here.

Charles Hersh.

MR. HERSH: Good morning.

I am Charles Hersh. I am a retired electrical engineer.

20 On your plan I would count upgrading
21 your power plants also as energy efficiency,
22 because you are making your power plants more
23 efficient by doing it. You're halving the amount
24 of fuel and pollution for the same amount of
25 electricity. That counts as efficiency.

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And it would make LIPA set a good example to encourage others to reduce their electricity usage. You can't expect us to cut back if you won't either. So by, becoming more efficient by upgrading your power plants you become more efficient and it sets a good example.

Now one of the thing that's well worth dropping is your renewable program, especially the wind and solar projects. Because it's not fair to the ratepayers to have them. They cost far to much.

I will give you an example.

Barrett Island, if you were to do this, this is from Kevin Law's information, it would cost a little bit under a billion dollars and it would provide 500 megawatts of power. That's about \$2 a watt. Of course, it doesn't eliminate fuel, it merely cuts it in half. So

20 the cost for reducing fuel and carbon dioxide is

21 really \$4 a watt for upgrading Barrett Island.

22 Well, if you take a wind farm, I

23 think doing half of it would be 300 megawatts

24 peak power and would cost one and a half billion

25 dollars. That would be \$5 a watt for a power

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plant that's only producing one-fourth of the time. That's what wind farms do. That's about \$20 a watt or five times as much.

You know, let's take the solar program. A solar panel installation cost about \$7 for peak watt. But it's only on one-third of the time, for about eight hours a day. So that means that you would triple the cost, because of its duty cycle, for \$21 a watt.

So you are really wasting the ratepayers money by using wind and solar panels. And you shouldn't be doing that. You're doing it not to help the environment, but simply because of misguided environmentalists and politicians pressuring you to do it. It's not fair. It's not fair to any of the ratepayers. And simply not the best way.

You're already doing that by

20 upgrading your power plants. And I wish you the
21 best of luck in doing that. But really, put the
22 wind and solar on the back burner.

23 Thank you very much.

24 (Applause.)

25 THE MODERATOR: Thank you,

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Mr. Hersh.

Just for your points on the efficiency, I think that Jim put a slide up there before that goes to the very issue of looking at the portfolio, including the overall efficiency. That's the rate slide that he talked about.

And as to the issues of wind and renewables, there's also the issue of diversity and fuel diversity that people have to look at.

We certainly look very hard at the costs we incur when we do these projects and before we do those. There is a public input process as well with those. So we are looking into it and are very sensitive to the issues you've raised, including those of the constituents that are very interested in renewables as well because that's an important part of our future as well.

20 So thank you, Mr. Hersh.

21 MR. PARMELEE: One thing about the
22 cost presented, Charles, is you talked about the
23 investment in the power plant itself. But the
24 other component that we have to look at as well
25 as how much it costs to build a plant is how much

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does it cost to fuel the plant. There is a big difference in how much the fuel cost is between a solar and wind plant versus how much it costs for a repowered plant. Those enter into our analysis.

But the bottom line is still correct that renewable resources today are more expensive than new power plants. And that's why the amount of renewable resources in our plan is a smaller proportion of the plan. But we're looking to increase that diversity of power supply.

THE MODERATOR: Phil Healey.

MR. HEALEY: Good morning.

I know sometimes it's hard to do a plan. I thought it was pretty good work on that.

I just have a couple of questions that will make it easier for someone else to understand.

20 THE MODERATOR: Just for the

21 record, could you state your name and

22 affiliation?

23 MR. HEALEY: Phil Healey,

24 H-e-a-l-e-y. I am with the incorporated Village

25 of Lynbrook for this presentation.

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Couple of issues.

A few years ago there were prior renewable goals by a previous governor. I find it easier in the plan, if you guys mentioned it, if LIPA was able to meet those previous goals. Those goals seem higher than what is currently out there. It would be nice to know where we were.

There was some reference to the Cross Sound issues with Connecticut. Again, as someone reading it, I would like to know previous history; is there any way to mend some old wounds so we have more ability to cross the Sound or get transmission cables down from upstate.

Also, I have asked this question before in the past to people, I think it would be interesting -- we know where our power is coming from in the portfolio. I would find it

20 interesting to find out who are largest customers
21 are and also what area has the largest demand,
22 whether it be Lynbrook or Greenport. I find that
23 interesting and may be relevant to what we're
24 doing and how you can conserve in transmission
25 upgrades.

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You know, back in '84, 1984 --
again, this sort of has to do with you but not
really.

Back in '84 the Waste Energy Plants
were put out there with the idea that they were
going to produce electricity and it was all real
good. And many municipalities backed the bonds
that built the plants and they produced a lot of
power.

We are at the point now where many
people are being asked to back those plants
again. I know a couple of us are looking at it,
whether we should continue our business with them
if Long Island is not benefiting from it
directly. I mean, it's a renewable resource as
far as we're concerned. I know the federal
government hasn't declared it, but trash is a
renewable resource. And they produce a lot of

20 power.

21 I would like a further explanation

22 if you intend to use them in your portfolio; if

23 not, how come? What's your plan for that?

24 Because I think it affects what LIPA intends to

25 do with it. I think it will lean heavily on how

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people deal in the industry with those plants. I think that would be very useful information to municipalities Islandwide.

On your presentation I find it also interesting, you gave us the peak loads for summertime. If you could provide information on peak loads this time of year, a little more detailed information. Where we are and all generating capacity for that.

I was also, you know, when you do a plan -- I have been to other hearings when do you plans and many of the comments, you never see them again. I was pleased to see that you included a whole section on the net metering, especially availability for commercial institutions and municipalities to take advantage of those programs.

Thank you for your time.

20 THE MODERATOR: Thank you,

21 Mr. Healey.

22 In regards to the net metering, just

23 for the people that are here, it's not just

24 limited to commercial. I know it is one of the

25 components, but we also have it for residential

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customers as well.

Dan Gabrowski.

MR. GABROWSKI: Good morning,
gentlemen.

My name is Dan Gabrowski. I am a
representative of the Building and Construction
Trades on Long Island. I would like to read a
statement from our president of the Building
Trades. He regrets he couldn't be here today.
He had a prior commitment.

I appreciate having this opportunity
to speak and share my concerns about the rising
cost of energy and it's detrimental effects on
Long Island working families and businesses.

I know that LIPA and many of those
here are committed to developing solutions to
what has become a very real crisis. At a time
when energy bills continue to rise, the various

20 proposals to increase taxes on utility bills
21 represent a new financial burden on working
22 families and small businesses at the very time
23 when all of us are need of real relief.

24 THE MODERATOR: Mr. Gabrowski,
25 is this geared towards comments on the energy

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master plan that we presented here today?

MR. GABROWSKI: Yes, it does.

I represent Long Island's Building and Construction Trades families. These families need relief, they need jobs and they need lower energy costs. They are struggling to pay their mortgages and the increases in their energy bills this winter forced families to make tough decisions about how they were going to pay their bills.

Because of these concerns, I have been an active supporter of the Broadwater energy project and I am hoping that the US Department of Commerce will overturn the State's rejection of the initiative and provide some help to the State's ratepayers.

By substantially increasing the supply of natural gas, the proposed Broadwater

20 project would help provide meaningful --
21 THE MODERATOR: Mr. Gabrowski,
22 I'm sorry. If you could just turn your comments
23 towards the plan itself that would be helpful,
24 because you're talking about a lot of issues not
25 necessarily related to the energy master plan.

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I am sorry for interrupting you.

MR. GABROWSKI: I would like to put

this in then.

THE MODERATOR: Roger Clayman.

MR. CLAYMAN: My name is Roger

Clayman. I'm the executive director of Long

Island Federation of Labor.

As you know, we're very concerned

about economic development. We have been very

outspoken about it. I think energy relates to it

directly. Your master plan is relevant to the

discussion and I think some of our remarks are

also relevant to your plan about the sources and

supplies of energy. So like the Building and

Construction Trades, I want to make a few remarks

about Broadwater because I think it's relevant to

your plan.

We know that renewable energy

20 sources are very important. We hope you develop
21 them. We think that makes sense. We believe
22 that we have the work force that is trained to be
23 able to fit in and make those resources work.
24 We're there for that.

25 We also know that in the short term

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2 we're going to have to rely upon traditional
3 sources of energy. We know that part of that is
4 natural gas. We also know that we represent
5 250,000 members and their families on Long
6 Island. These are ratepayers. Many of them,
7 like the woman from Gordon Heights said so
8 eloquently, have a hard time getting it done with
9 these rates. So we need to give them some
10 relief.

11 Nassau County recently voted a sales
12 tax to all ratepayers bills and the Governor's
13 adding 2 percent tax to utilities. Generally
14 ratepayers are going to see their bills go up
15 significantly. We need to address cost as well
16 as supplies.

17 That's the reason that we're
18 supporting Broadwater. And we hope that
19 Department of Commerce accepts Broadwater's

20 appeal to move the plan forward. We would urge

21 you to do the same.

22 We need natural gas and power

23 generated by its use. We have to find a way to

24 increase the amount available.

25 Long Island, New York City, southern

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2 Connecticut currently depend on pipeline gas from
3 the Gulf of Mexico and western Canada for 85
4 percent of the natural gas supplies. Because the
5 region is located at the end of the pipeline, the
6 regional pricing makes it much more difficult for
7 us to maintain good prices.

8

Islander-East, as you know better
9 than I, is not going to work. Connecticut has
10 been hostile to running a pipeline. And we're
11 going to need this one.

12

By providing a billion cubic feet of
13 natural gas on a daily basis, Broadwater would
14 introduce a substantial new supply and save
15 consumers and businesses at least \$300 a year.

16

By your own independent study, Broadwater would
17 save New York \$20 billion over its first ten
18 years of operation.

19

The working families that the Long

20 Island Federation of Labor represents need jobs
21 and lower costs. Broadwater gives us both of
22 them. We ask you to join us in our efforts to
23 build a brighter future for the next generation
24 on Long Island.

25 If the Commerce Department overrules

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the State of New York, LIPA should support
Broadwater moving forward. We hope if you can't
do that, that you find another way to save \$300
for each one of the ratepayers.

Thank you.
(Applause.)

THE MODERATOR: Thank you,
Mr. Clayman.

Jonathan Grindell.

MR. GRINDELL: Good morning.

My name is Jonathan Grindell. I am
a community organizer with the Long Island
Progressive Coalition. We're a 30-year-old
grassroots, nonprofit dedicated to social,
racial, economic and environmental justice.

I wanted to congratulate the Long
Island Power Authority on creating an aggressive
energy plan that balances both our environment

20 and our rates. I feel that your key strategies
21 are right on target in regard to energy
22 efficiency, renewable resources, repowering and
23 improving inner connections and reliability.

24 Quickly, in summary, what we're
25 looking for is we want our power plants

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repowered. We feel that there is economic stimulus money available to help get that done.

Again, we congratulate LIPA on the energy plan and we look forward to see repowering of old, outdated power plants in the near future.

I thank you.

(Applause.)

THE MODERATOR: Thank you.

Our last speaker that has signed up so far is Judge Samuel Levine.

If there is anybody else that hasn't signed up, please make sure you do so in the back.

Mr. Levine.

MR. LEVINE: Thank you, Mr. Chairman.

My name is Judge Samuel Levine. I am the past president of the Board of Judges of

20 the District Court of Nassau County, past
21 president of the Epilepsy Foundation of Long
22 Island, and the Bar Association Committee on
23 Social Service, Health and Elder Law.
24 I am at 711 Shore Road in an
25 apartment with 82 other apartment owners in Long

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Beach, New York. And therein lies the purpose,
one of the purposes of my appearance.

I will be submitting my statement
and a lot of questions to the Authority because
they -- unfortunately I haven't had a chance to
go through the energy master plan. But I think
the issues that I am going to be raising are
related to the future of the Long Island Lighting
Company and its ability to provide electricity
and energy sources, gas, et cetera, for the
people of Nassau and Suffolk County in
particular, especially as it relates to the
natural or manmade disasters that have occurred
in the past and may and probably will occur in
the near future; and is the lighting company
prepared for those disasters?

Will you be in a position to
continue to provide the energy needed to save the

20 health and welfare and the lives of the people in

21 Nassau and Suffolk County?

22 I am speaking from personal

23 experience. From the standpoint of the lighting

24 company, it turned out to be a good experience.

25 But from the standpoint of the owners of the

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2 apartments on Shore Road in Long Beach or the
3 people in the City of Long Beach that face the
4 possibility of flooding of their city because of
5 the possible hurricanes that are on their way
6 sometime in the future. The fact that we lost
7 our elevator and power for a day or a week
8 because of the breakdown in the electric system,
9 the power supply system for many reasons,
10 probably one of them was due to the anticipated
11 expected normal breakdown from years of use.

12 But surprisingly, in the second
13 experience where we were without power for about
14 four or five days because the ocean water
15 infiltrated the generators that were put,
16 installed under the sidewalks of Long Beach two
17 blocks away from the ocean, and although were not
18 flooded that particular week of bad weather, the
19 generators conked out, we were without power.

20 My overall concern is:
21 Does the plan meet the emergency
22 management problems that are anticipated for the
23 future of the people of Nassau County?
24 Especially those thousands of people in the
25 thousands of homes below Sunrise Highway that

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will unfortunately be the victims of a major hurricane, will be flooded with five to ten to 15 feet of water up to Sunrise Highway and all the damages that can be done there.

Is the lighting company and its master plan prepared for these possibilities?

The other issue I am concerned about is whether or not the master plan will deal properly with the special problems of people with disabilities and who are elderly, et cetera. Of course, there are many, many laws that are applicable to that situation. Is the master plan and lighting company in compliance with all those major laws protecting the health, welfare and lives of people who are disabled or who are elderly?

Lastly, I will suggest, as an aside, as a retired judge I'm telling people to stay out

20 of the courthouse and try to settle your
21 disputes. In the case of lighting company, I
22 don't know if the master plan deals with the
23 problem of conflicts of people that have
24 grievances against the lighting company for
25 whatever reasons, whether lack of power or other

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reasons. We're promoting, especially in the Bar Association, an alternative dispute resolution. Make sure that the lighting company is taking full advantage of the arbitration and mediation mechanisms publicly and privately that exist. And you can be saving yourselves a hell of a lot of money by keeping people out of court and settling their complaints and their conflicts, especially through mediation and, of course, by arbitration.

Being a mediator, I guess I am speaking from self-interest.

But it's something to look at. And make sure the master plan has ways and means of resolving the conflicts and the complaints that individuals, as well as other professional organizations and providers, do have that are affected by the energy system.

20 Thank you, gentlemen.

21 THE MODERATOR: Thank you.

22 MR. LEVINE: I will be sending some
23 papers and a letter expanding my remarks.

24 THE MODERATOR: Thank you,

25 sir.

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Is there anybody in the audience

that has a desire to speak that hasn't spoken?

(No response.)

THE MODERATOR: Hearing none,

there is one more hearing of input tomorrow.

That will be at 7:00 o'clock at the Melville

Marriott, Old Whitman Road, Melville. So if

there are people that you know who wanted to come

today and couldn't come, they have that

opportunity tomorrow.

This closes the public input

session.

Thank you all for attending today.

(At 12 Noon the Proceedings were

concluded.)

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5) SS:

6 COUNTY OF NEW YORK)

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8 I, MARGARET DEVINE, a Registered

9 Professional (Stenotype) Reporter and Notary Public of

10 the State of New York, do hereby certify that the

11 foregoing transcript of the Proceedings taken at the

12 time and place aforesaid, is a true and correct

13 transcription of my shorthand notes.

14

15 I further certify that I am neither

16 counsel for nor related to any party to this action,

17 nor in any wise interested in the result or outcome

18 thereof.

19

20 IN WITNESS WHEREOF, I have hereunto set

21 my hand this 14th day of April, 2009.

22

23

24

Margaret Devine, R.P.R.

25

1167 _____ ROY ALLEN & ASSOCIATES, INC., 212-840-

100 Church Street, Suite 817, New York, New York 10007

626 RXR Plaza, Uniondale, New York 11556

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